

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	<div style="text-align: right;"> <b>1020 Rec'd</b>  <b>10/552268</b>  <b>Unknown</b> </div>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/552268</b> Unknown
INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/005046</b>	INTERNATIONAL FILING DATE <b>7 April 2004</b>	PRIORITY DATE CLAIMED <b>9 April 2003</b>
TITLE OF INVENTION <b>GATE TURN-OFF THYRISTOR</b>		
APPLICANT(S) FOR DO/EO/US <b>ASANO ET AL.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</li> <li>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2).           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto in Japanese (41 pages specification, claims &amp; abstract (16 claims), 14 sheets drawings).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (        pages specification, claims &amp; abstract (        claims),        sheets drawings,        page Certificate of Translation).</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto in Japanese (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).</li> <li>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).           <ol style="list-style-type: none"> <li>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (        page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> </ol> </li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5).</li> </ol> <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li>13. a. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.           <ol style="list-style-type: none"> <li>b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> </ol> </li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information. cover WO 2004/090990 (2 pp); PCT/IB/304 (1 pp); PCT/IB/306 (3 pp); IPER in Japanese (3 pp)</li> </ol>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.55) <b>10/552268</b> Unknown		INTERNATIONAL APPLICATION NO. <b>PCT/JP2004/005046</b>		ATTORNEY'S DOCKET NUMBER <b>925-327</b>	
<input checked="" type="checkbox"/> The following fees are submitted:					
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>					
21.	<input checked="" type="checkbox"/> Basic national fee			\$	300.00
22.	<input checked="" type="checkbox"/> Examination Fee			\$	200.00
23.	<input checked="" type="checkbox"/> Search Fee			\$	400.00
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$	900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
55 -100	0 /50 =	0.00		\$0.00 (1681) \$0.00 (2681)	
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).				\$	130.00
CLAIMS		NUMBER FILED	# EXTRA	RATE	
Total Claims	16	minus 20 =	0 X	\$50.00 (1615)/	\$25.00 (2615)
Independent Claims	1	minus 3 =	0 X	\$200.00 (1614)	\$100.00 (2614)
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$360.00 (1616)/\$180.00 (2616)	\$ 0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)				\$	0.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).				\$	130.00
<b>TOTAL NATIONAL FEE =</b>				\$	1160.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property				\$	0.00
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)				\$	0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	1160.00
				Amount to be refunded:	\$
				Amount to be Charged:	\$
a. <input type="checkbox"/> A check in the amount of \$1160.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. <input checked="" type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. <b>PCT/JP2004/005046</b> and any U.S. and foreign application(s) corresponding thereto, and JP 2003-105650, referred to in this application is/are hereby incorporated by reference in this application. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status. <b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to: <input checked="" type="checkbox"/> <b>Customer Number:</b> <span style="border: 1px solid black; padding: 2px 20px;"><b>23117</b></span> <div style="text-align: center; font-size: small;">Type Customer Number here</div>					
Telephone: (703) 816-4000 HWB:jsm		<div style="text-align: right; margin-bottom: 5px;">   <b>H. Warren Burnam, Jr.</b>                          NAME                     </div> <div style="display: flex; justify-content: space-between;"> <span><b>29,366</b></span> <span><b>October 6, 2005</b></span> </div> <div style="display: flex; justify-content: space-between;"> <span>REGISTRATION NUMBER</span> <span>Date</span> </div>			